

FOSTT" 22TE0001

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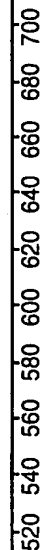
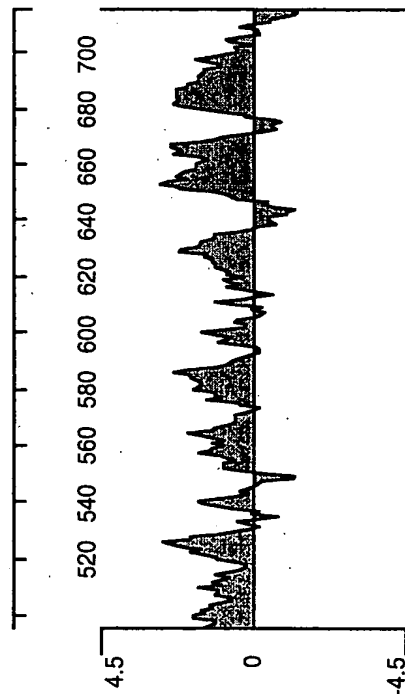
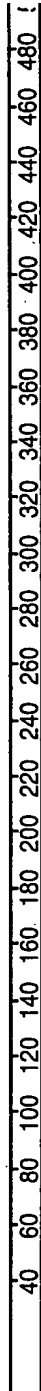
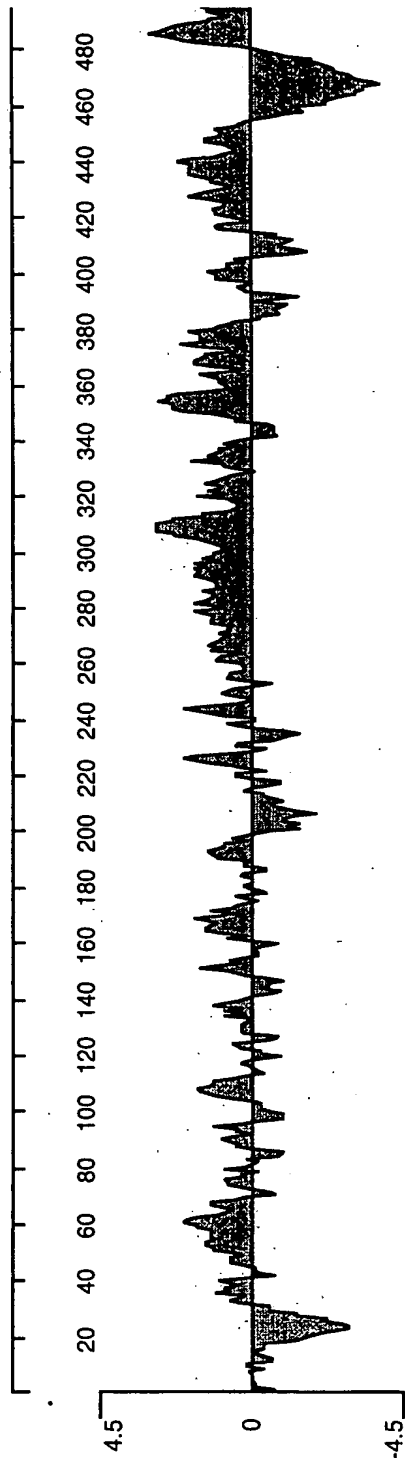


Fig. 1

|                  |   |
|------------------|---|
| ZGI_MUZYCUB5X2_3 | MGTGAGG-----PSVLALLFAVCAPRLQAEEELGDCGCHIVTSQDSGTMTSKNYPG      |
| ZGI_MUZYCUB5X3_1 | MGTGAGG-----PSVLALLFAVCAPRLQAEEELGDCGCHIVTSQDSGTMTSKNYPG      |
| HUZCUB5X1_2      | MVPGARGGALARAAGRGLLALLAVSAPRLQAEEELGDCGCHLVITYQDSGTMTSKNYPG   |
| ZGI_MUZYCUB5X2_3 | TYPNYTVCEKIIITVPKGKRLILRLGDLNIESKTCASDYLLFSSATDQYCPYCGSWAVPKE |
| ZGI_MUZYCUB5X3_1 | TYPNYTVCEKIIITVPKGKRLILRLGDLNIESKTCASDYLLFSSATDQY-----        |
| HUZCUB5X1_2      | TYPNHTVCEKTIITVPKGKRLILRLGDLNIESQTCASDYLLFTSSDQYCPYCGSMTVPKE  |
| ZGI_MUZYCUB5X2_3 | LRLNSNEVTVLFKSGSHISGRGFLITYASSDHPDLITCLERGSYFEEKYSKFCPAGCRD   |
| ZGI_MUZYCUB5X3_1 | -----DLITCLERGSYFEEKYSKFCPAGCRD                               |
| HUZCUB5X1_2      | LLNTSEVTVRFEFSGSHISGRGFLITYASSDHPDLITCLERASHYLKTEYSKFCPAGCRD  |
| ZGI_MUZYCUB5X2_3 | IAGDISGNTKGYRDTSLICKAAIHAGIITDELGGHINLLQSKGISHYEGLLANGVLSRH   |
| ZGI_MUZYCUB5X3_1 | IAGDISGNTKGYRDTSLICKAAIHAGIITDELGGHINLLQSKGISHYEGLLANGVLSRH   |
| HUZCUB5X1_2      | VAGDISGNMVDGYRDTSLICKAAIHAGIIADELGGQISVLQKGISRYEGILANGVLSRD   |
| ZGI_MUZYCUB5X2_3 | GSLSEKRFLFTT-----   |
| ZGI_MUZYCUB5X3_1 | GSLSEKRFLFTT-----   |
| HUZCUB5X1_2      | GSLSDKRFLFTSNGCSRSLSEFEPDQIRASSSWQSVNESGDQVHWSFGQARLQDQGPSWA  |
| ZGI_MUZYCUB5X2_3 | -----   |
| ZGI_MUZYCUB5X3_1 | -----   |
| HUZCUB5X1_2      | SGDSSNNHKPREWLEIDLGEKKKITGITGTGTSQSNFNFYVKSFVMNFKNNNSKWTKYKG  |
| ZGI_MUZYCUB5X2_3 | -----   |
| ZGI_MUZYCUB5X3_1 | -----   |
| HUZCUB5X1_2      | IVNNEEKVFQGSNFRDPVQNNFIPPIVARVVRVVPQTHQRIALKVELIGCQITQGNDS    |

Fig. 2A

|                  |   |               |
|------------------|---|---------------|
| ZGI_MUZYCUB5X2_3 | -----PGMNITVAIPSVIFIALLLTGMGIFAIC                           | (SEQ ID NO:4) |
| ZGI_MUZYCUB5X3_1 | -----PGMNITVAIPSVIFIALLLTGMGIFAIC                           | (SEQ ID NO:6) |
| HUZCUB5X1_2      | LWVRKTSQTSVSTKKEDETITRPIPSEETSTGINITVAIPLVLLVLFVAFAGMGIFAIF | (SEQ ID NO:2) |
| ZGI_MUZYCUB5X2_3 | RKRKKKGNPYVSADAKTGCWKQIKYPPFARHQSSTFTISYDNEKEMTKLDLITSDMADY |               |
| ZGI_MUZYCUB5X3_1 | RKRKKKGNPYVSADAKTGCWKQIKYPPFARHQSSTFTISYDNEKEMTKLDLITSDMADY |               |
| HUZCUB5X1_2      | RKRKKKGSYPGSAEAKTDCWKQIKYPPFARHQSSTFTISYDNEKEMTKLDLITSDMADY |               |
| ZGI_MUZYCUB5X2_3 | QOPLMIGTGTVARKGSTFRPMDTDTEEVVNTEASGHYDCPHRPGRHEYALPLTHSEPEY |               |
| ZGI_MUZYCUB5X3_1 | QOPLMIGTGTVARKGSTFRPMDTDTEEVVNTEASGHYDCPHRPGRHEYALPLTHSEPEY |               |
| HUZCUB5X1_2      | QOPLMIGTGTVTRKGSFRPMDTDAEEAGVSTDAGGHYDCPQAGRHEYALPLAPPEPEY  |               |
| ZGI_MUZYCUB5X2_3 | ATPIVERHLLRAHTFTSQGYRVPGPRPTHKXSHSSGGFPATGA-TQVESYQRPASPKP  |               |
| ZGI_MUZYCUB5X3_1 | ATPIVERHLLRAHTFTSQGYRVPGPRPTHKXSHSSGGFPATGA-TQVESYQRPASPKP  |               |
| HUZCUB5X1_2      | ATPIVERHVLRAHTFSAQSGYRVPGPQPGHKHSLSSGGFSPVAGVGAQGDYQRPASQAP |               |
| ZGI_MUZYCUB5X2_3 | VGGGYDKPAASSFLDSRD--PASQSQMTS-GGDDGYSAPRNGLAPLNQTAMTALL     | (SEQ ID NO:4) |
| ZGI_MUZYCUB5X3_1 | VGGGYDKPAASSFLDSRD--PASQSQMTS-GGDDGYSAPRNGLAPLNQTAMTALL     | (SEQ ID NO:6) |
| HUZCUB5X1_2      | ADRGYDRPKAVSALATESGHPDSQKPPTHPGTSDSYSAPRDCLTPLNQTAMTALL     | (SEQ ID NO:2) |

Fig. 2B

**FBI LABORATORY**

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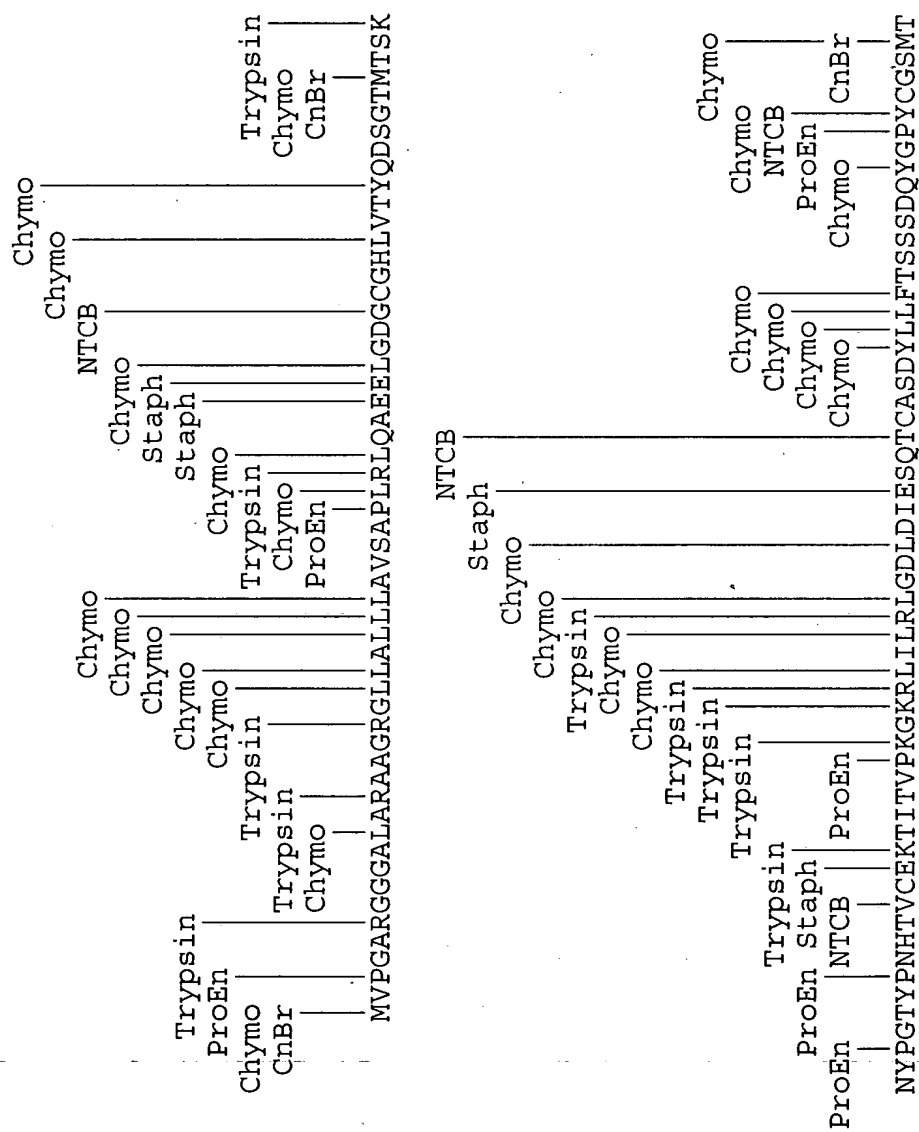


Fig. 3A

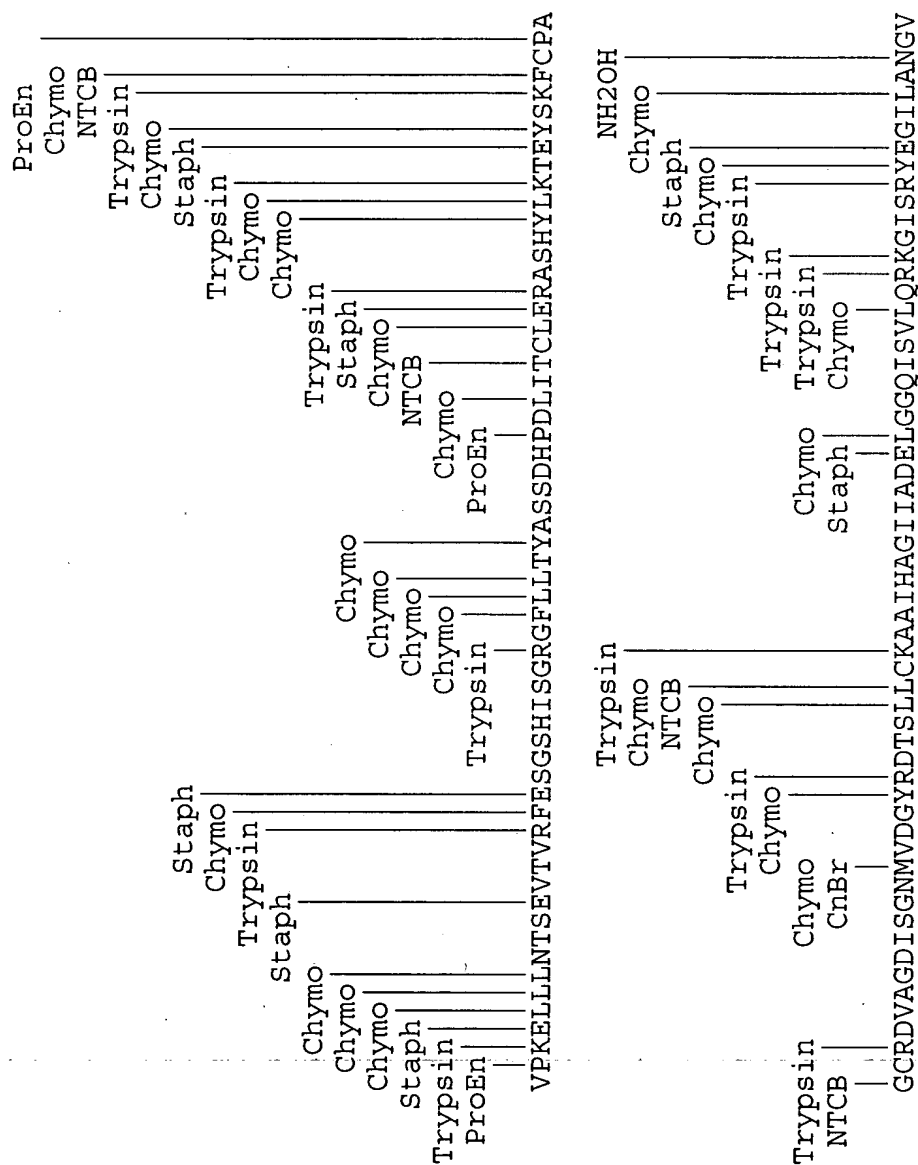


Fig. 3B

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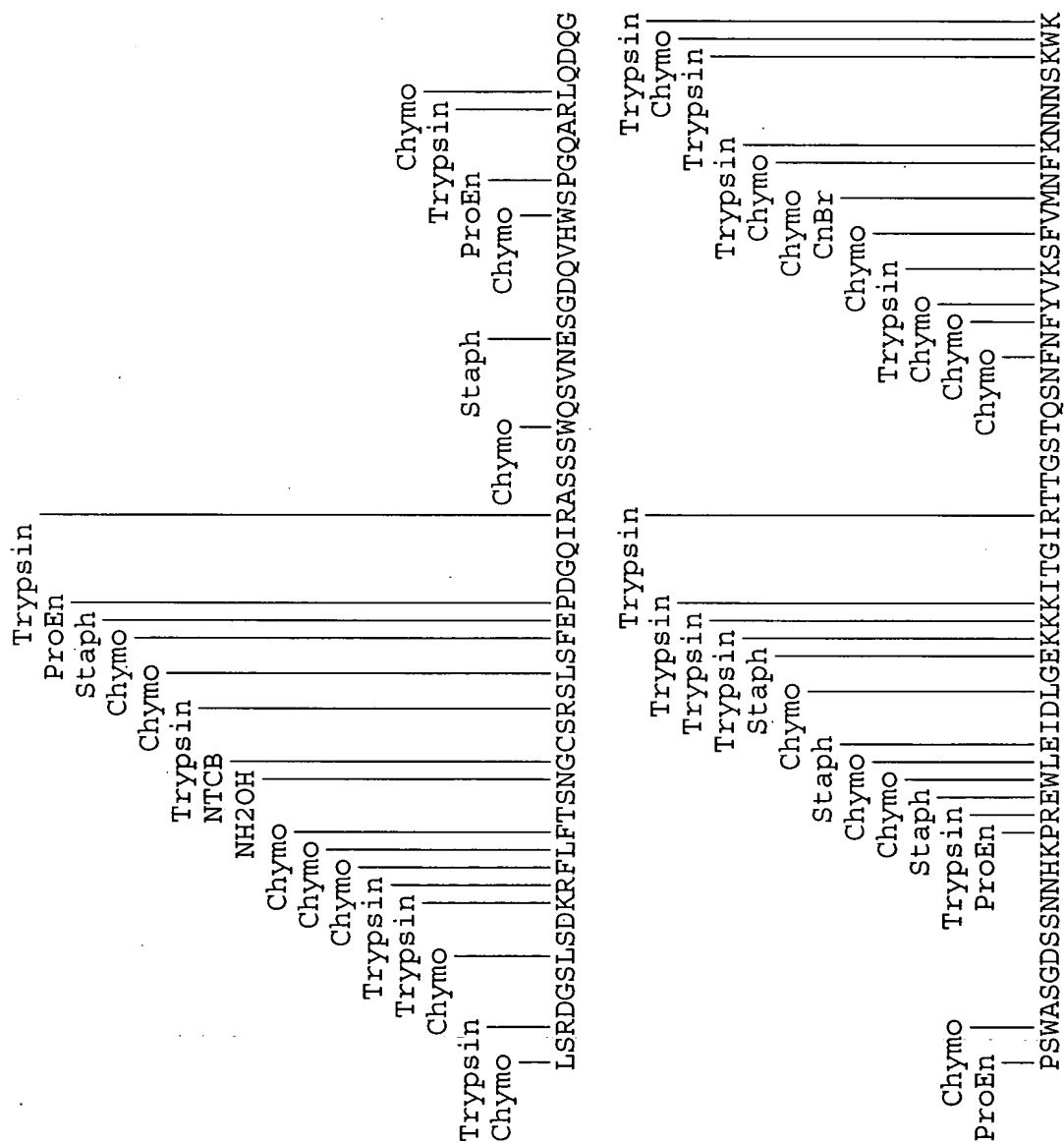


Fig. 3C

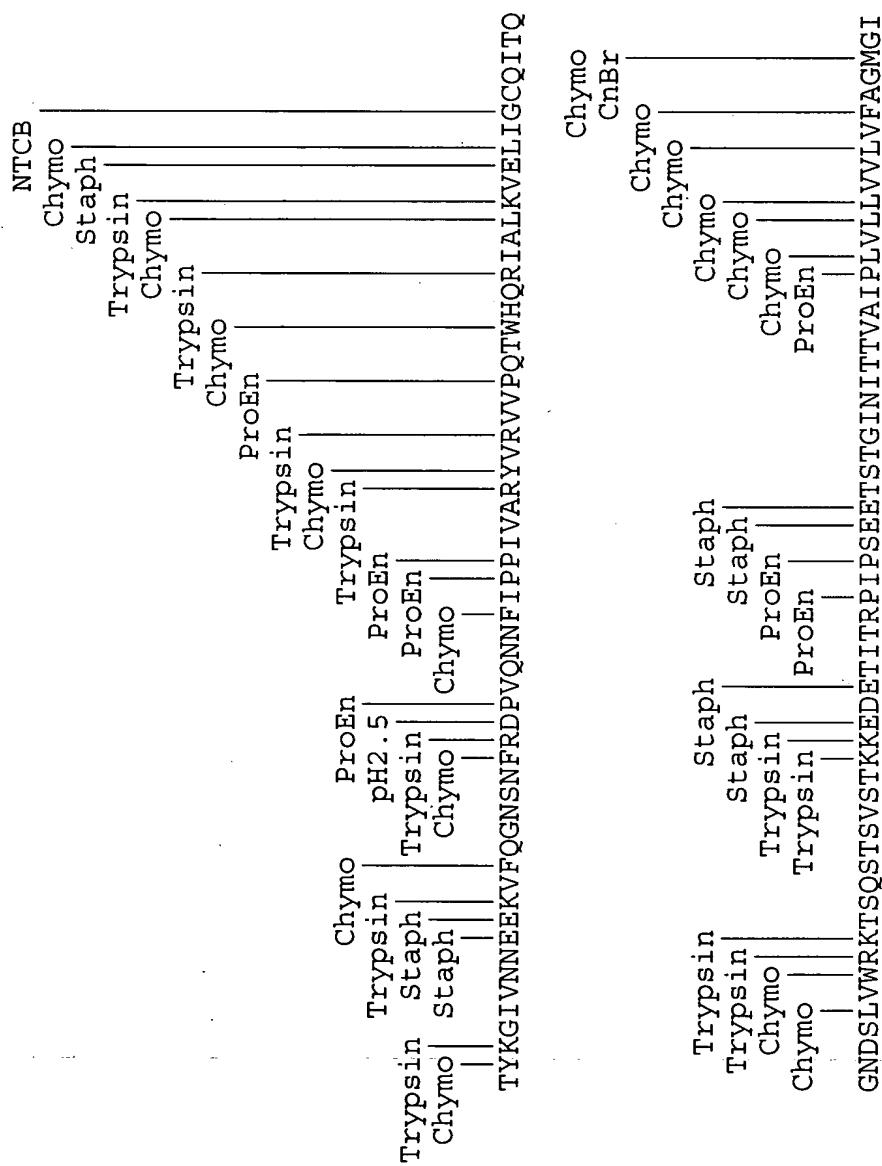


Fig. 3D

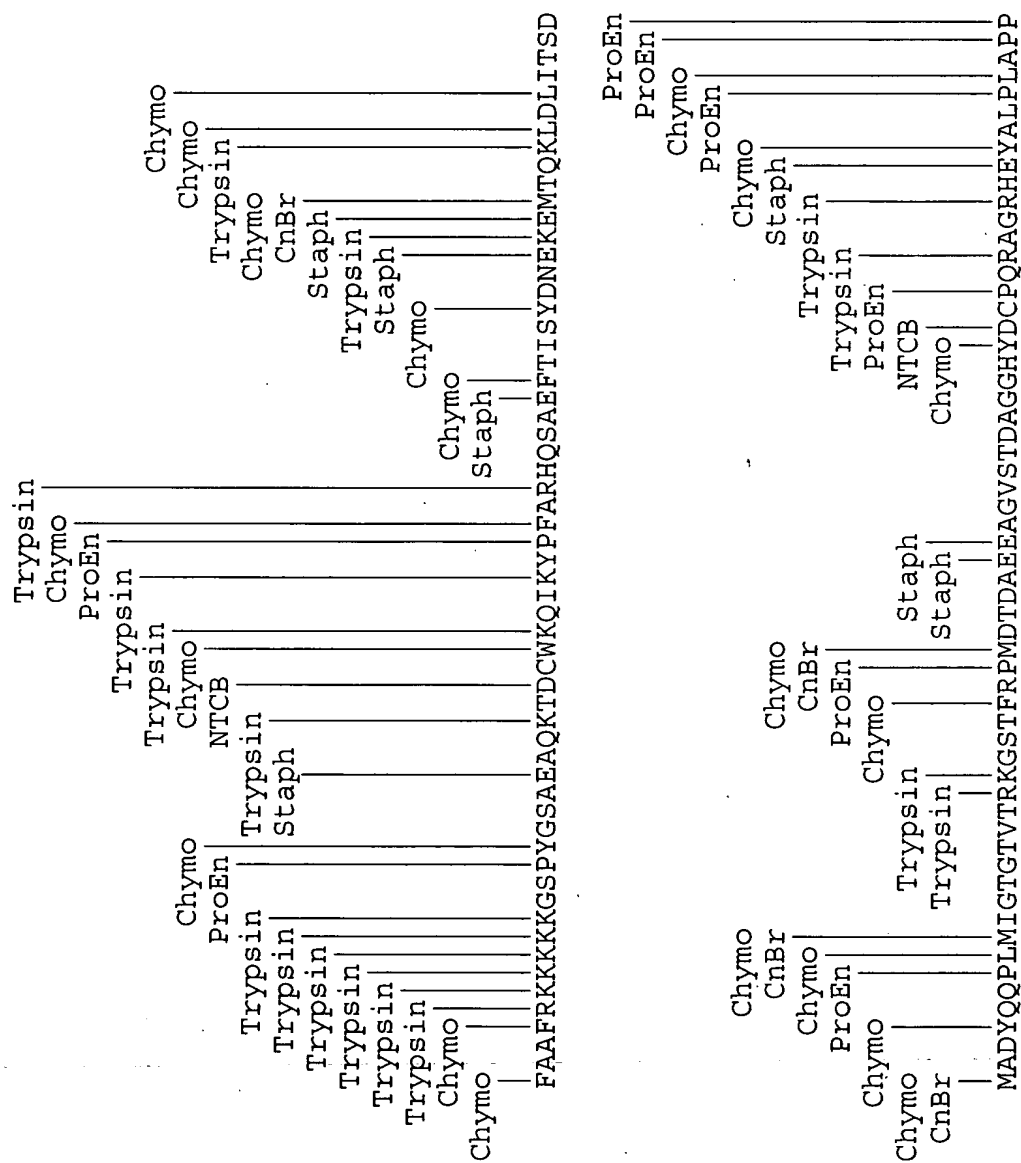


Fig. 3E

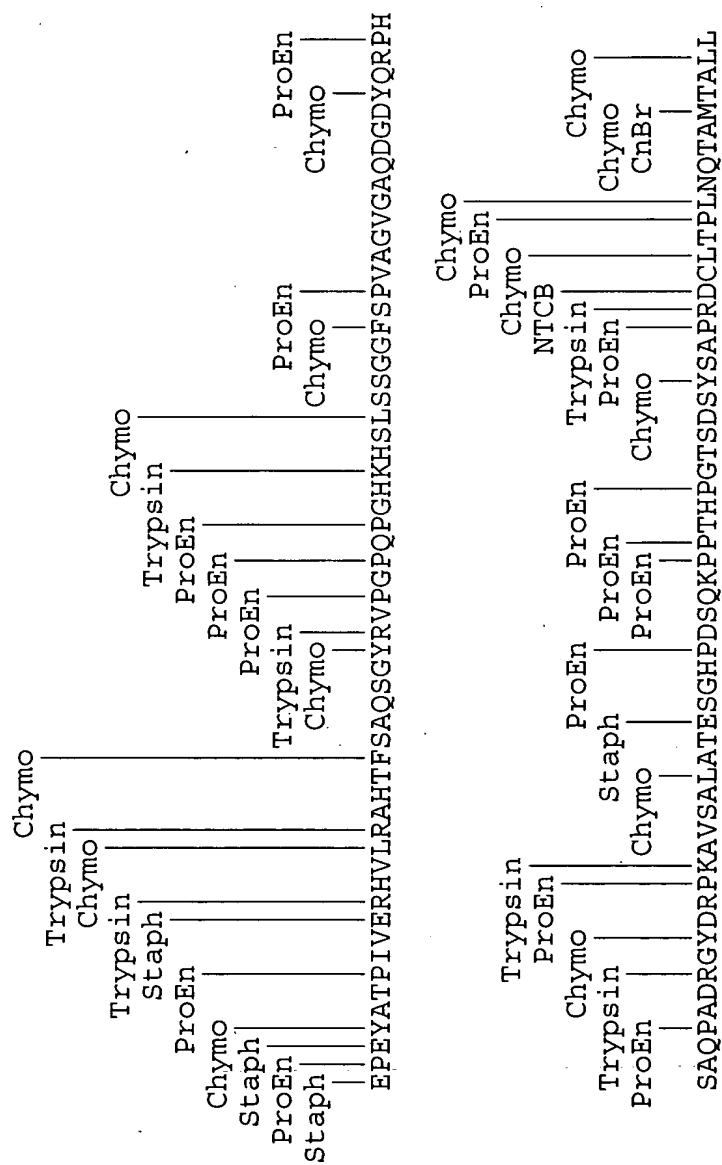


Fig. 3F